

COASTAL IMPACT ASSISTANCE PROGRAM

Jefferson Parish Project Nominee Fact Sheet

Project Title: Bay Side Segmented Breakwater at Grand Isle

Entity/Individual nominating the project: Jefferson Parish, Louisiana

Contact Information: Marnie Winter, Director
Jefferson Parish Department of Environmental Affairs
1221 Elmwood Park Blvd., Suite 1006
Jefferson, Louisiana 70123
(504) 736-6440
mwinter@jeffparish.net

Total CIAP Funds Requested: \$ 3,500,000

Parish CIAP Funds Proposed: \$ 3,500,000

State CIAP Funds Requested: \$ 0

Infrastructure Funds Proposed: N/A

Description and Location of the Project: The project is located in Jefferson Parish, Louisiana, along the bay side of Grand Isle, Louisiana.

The purpose of this project is to reduce erosion on the bay side of Grand Isle. Twenty-four 300-foot breakwaters (approximately 1.5 miles) will be constructed on the back-bay side of Grand Isle. The proposed project will connect existing breakwaters to the east and west and complete back-bay side protection on the only inhabited Barrier Island in Louisiana.

Project Type: Conservation, restoration and protection of coastal area, including wetland

Project Justification: The back-bay side of Grand Isle is subject to wave action from strong north winds during winter cold fronts and when tropical storms and hurricanes make landfall east of the island. Breakwaters have been constructed on the north side of the island to the east and west of the proposed project site to protect residential and commercial development. This project will provide a continuous line of protection on the north side of the island from the Grand Isle Bridge to Fifi Island, and provide critical protection for the marsh remaining on the back side of the island and infrastructure that supports the offshore oil and gas industry.

The project is consistent with the following coastal restoration initiatives:

COAST 2050: TOWARD A SUSTAINABLE COASTAL LOUISIANA:

Coastwide Strategy:

Maintenance of Bay and Lake Shoreline Integrity
Maintain or Restore Ridge Function

Regional Strategy:

- #20. Construct wave absorbers at the head of bays.
- #22. Restore/maintain barrier headlines, islands, and shorelines.

LOUISIANA COASTAL AREA ECOSYSTEM RESTORATION STUDY (LCA):

Initial Near-Term Critical Restoration Features:

3. Barataria Basin Barrier Shoreline Restoration

COASTAL IMPACT ASSISTANCE PROGRAM (CIAP):

Protect Critical infrastructure

Project Cost Share: State = 0 %
 Parish = 0 %